

YUFA, Ye.Ya.; SOKOLOVA, V.G.; IZRAYLEVICH, M.A.

Preventive treatment for rheumatic relapses in children. Vop.
revn. 1 no.4:49-52 O-D '61. (MIRA 1e:3)

1. Iz detskoj konsul'tatsii (zav. Ye.Ya. Yufa) 4-y gorodskoy
L'vovskoy bol'nitsy (glavnnyy vrach F.G. Sudiy) i detskoj kon-
sul'tatsii (zav. M.A. Izraylevich) 7-y gorodskoy polikliniki
L'vova (glavnnyy vrach V.G. Isayeva).
(RHEUMATIC FEVER)

YUFA, Ye.Ya., vrach

Organization of vaccination in a pediatric health center is an important measure for reducing infectious diseases in a district.
Med. sestra 20 no;6:48-50 Je '61. (M.I.A.L.)

1. Is detskoy konsul'tatsii 4-y gorodskoy bol'nitay L'vova.
(VACCINATION)

YUFA, Ye.Ya.; POLYAKOVA, T.G.

Influence of climatic characteristics on the course of pneumonia in
children under 1 year of age. Gig. i san. 26 no.5:56-58 My '61.
(MIRA 15:4)

1. Iz detskoy konsil'tatsii 4-y gorodskoy bol'nitsy L'vova.
(PNEUMONIA) (MAN—INFLUENCE OF CLIMATE)

YUFA, Ye.Ya.

Regular work and recreation schedule for school children. Med. sestra
21 no.4:49-51 Ap '62. (MINA 15:4)

1. Zaveduyushchiy detskoy konsul'tatsiyey 4-y gorodskoy bol'nitsy
L'yova.

(SCHOOL HYGIENE)

YUFA, Ye.Ye.; SHAMRAY, T.V.

Work of the nurse in the prevention of poliomyelitis. Med.
sestra no.6:52-53 Je '62. (MIRA 15:8)

1. Iz detskogo poliklinicheskogo otdeleniya 4-y bol'nitsy L'vova.
(POLIOMYELITIS—PREVENTION) (NURSES AND NURSING)

YUEA, Ye, Ze, (L'vov)

Trichocephaliasis. Fel'd i akush. 27 no.4:14-22 Ap '62.
(MIRA 15:6)
(TRICOCHEPHALIASIS)

VUPA, Ye.Ya.

Protective care of children in the first year of life by means
of house calls. Med.sestra 22 no.227-34 P '63.
(MIRA 16:5)
1. Zaveduyushchiy detskim poliklinicheskim otdeleniyem 4-y
bol'nitsy L'yova.
(INFANTS—CARE AND HYGIENE)

YUFA, Ye.Ya.

Effect of meteorological factors in Lvov on the state of
children in the interparoxysmal periods of rheumatic fever.
Gig. i san. 28 no.7:96 Jl '63, (MIRA 17:1)

1. Iz 4-y gorodskoy bol'nitsy L'vova.

YUFARKIN, V.L.

Treatment of gynecological diseases at Archman health resort. Zdrav.
Turk. 6 no.2:20-23 Mr-Ap '62. (MIRA 1*:11)

1. Iz kafedry akusherstva i ginekologii (zav. - dotsent M.S.
Seyradov) Turkmeneskogo gosudarstvennogo meditsinskogo instituta.
(GYNECOLOGY)
(ARCHMAN—HEALTH RESORTS, WATERING-PLACES, ETC.)

YUPARKIN, V.L., assistant

Case of cervical pregnancy. Zdrav.Turk. 3 no.3:36-37 Ky-Je
'59.

1. Iz kafedry akusherstva i ginokologii (zav. - prof.A.B.Preysman)
Turkmen'skogo gosudarstvennogo meditsinskogo instituta im. I.V.Stalina.
(PREGNANCY, EXTRAVITERINE)

YUFARKIN, V.L., assistent

Indications for treating women with somatic diseases at the Archman Health Resort. Zdrav. Turk. 5 no.2:17-18 Mr-Ap '61. (MIRA 14:5)

1. Iz kafedry akusherstva i ginekologii (zav. - dotsent M.S.Seyradov) Turkmeneskogo gosudarstvennogo meditsinskogo instituta imeni I.V. Stalina.

(ARCHMAN—HEALTH RESORTS, WATERING PLACES, ETC.)
(GENERATIVE ORGANS, FEMALE—DISEASES)

YUFARKINA, N.I.

Thyroid gland cancer. Khirurgija 34 no.10:138-139 0'58
(KIRA 11:11)
1. Iz kliniki obshchey khirurgii (zav. - prof. N.M. Tachmuradov)
Turkmenskogo meditsinskogo instituta imeni I.V. Stalina.
(THYROID GLAND, neoplasms
surg. (Rus))

YUFARKINA, N.I., kand.med.nauk

Glass splinter wound of the heart. Zdrav.Turk. 3 no.5:39-40 S-0 '59.
(MIRA 13:4)

I. Iz kafedry propedevticheskoy khirurgii (zaveduyushchiy - prof.
N.M. Tachmaradov) Turkmenstogo gosudarstvennogo meditsinskogo in-
tituta im. I.V. Stalina.
(HEART--WOUNDS AND INJURIES)

YUPARKINA, N.I., AKHMEDOV, M.

Removal of large foreign bodies from the rectum. Zdrav.Turk.
7 no.128 Ja '63. (MIRA 16:3)

1. Iz gospital'noy khirurgicheskoy kliniki (zav. - chlen-korrespondent AMN SSSR, prof. I.P. Berezin) Turkmen'skogo gosudarstvennogo meditsinskogo instituta.
(RECTUM—FOREIGN BODIES)

1. FCL, I.

1. IVANOV, V.G.; YUFIREV, B.I.

2. USSR (600)

4. Gravel

7. Over-all mechanization of operations in a large-scale gravel pit, Kekh.trud.rab. 7
no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Unclassified.

NACHINKIN, O.I.; PEREPELKIN, K.Ye.; YUFEREV, N.S.; ZHAROV, V.A.

Microapparatus for the formation of filaments. Khin.volok.
no.5:45-46 '62. (MIRA 15:11)

1. Leningradskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta iskusstvennogo volokna.
(Spinning)
(Textile fibers, Synthetic)

BOGUSH, O.I.; YUFEREV, O.V.

Foraminifera and the stratigraphy of Carboniferous deposits of
Kara-Tau. Biul. MOIP. Otd. geol. 31 no. 3:114-115 My-Je '56.

(Kara-Tau--Foraminifera, Fossil) (MISHA 9:12)
(Kara-Tau--Geology, Stratigraphic)

YUFEREV, O.V.

BOGUSH, O.I.; YUFEREV, O.V.

Foraminifera and stratigraphy of Carboniferous deposits of the
Kara-Tau and the western spurs of the Talas Ala-Tau. Dokl. AN
SSSR 112 no. 3:487-489 Ja '57. (MLRA 10:4)

1. Predstavлено академиком Н.С. Шатским.
(Kara-Tau--Geology, Stratigraphic)
(Tals Ala-Tau--Geology, Stratigraphic)

BOGUSH, O.I.; YUFEREV, O.V.

Some new Tournaisian foraminifer species from the Kara-Tau and the
western spur of the Talas Ala-Tau. Paleont. zh. No. 1
(MIRA 1963)

1. Severo-Kavkazskiy gorno-metallurgicheskiy institut.
(Kara-Tau--Foraminifera, Fossil)
(Talas Ala-Tau--Foraminifera, Fossil)

BOGUSH, O.I.; YUFEREV, O.V.

On the discovery of the Bashkirian Archaeodiscinae complex of foraminifers
in the central part of the West Siberian Plain. Dokl. Akad. Nauk SSSR.
1150-1152 0 '62. (Nauka 1962).

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.
Predstavleno akademikom A.P. Trofimukom.
(Siberia, Western—Foraminifera, Fossil)

ALEKSEYEV, R.Ye.; BETEKTINA, O.A.; VOZZHENIKOVA, T.F.; GRATSIANOVA, R.T.;
DUBATOLOV, V.N.; YELIN, Ye.A.; ZHAROV, V.A.; IVANOVSKIY, A.B.;
SIDYACHENKO, A.I.; KUL'KOV, N.P.; MYAKHOVA, Ye.I.; OBUT, A.M.;
SAKS, N.N.; TESAKOV, Yu.I.; FURSENIKO, A.V.; KHOMENTOVSKIY, V.V.;
YUFEREV, O.V.

Corresponding Member of the Academy of Sciences of the U.S.S.R.
Boris Sergeevich Sokolov; 1914 - ; on his 50th birthday. Geol.
i geofiz. no.8:140-147 '64 (MIRA 18:2)

YUFEREV, K. F.

Cc

Sodium hyposulfite from metallic sodium and sulfur dioxide. R. E. YUFEREV AND P. V. MALUGIN. *J. Chem. Ind. (Moscow)* 17, 533-5 (1930) — Results of experiments producing $\text{Na}_2\text{S}_2\text{O}_4$ by the BASF method of Ger. patent 148,123, 1904 are given. The method consists of causing Na to react in the form of metal or amalgam with SO_2 dissolved in a liquid neutral to Na: $2\text{Na} + 2\text{SO}_2 = \text{Na}_2\text{S}_2\text{O}_4$. Liquids used as Na solvents were abs. EtOH, anhyd. EtO₂, anhyd. Lernsene, EtOH dried over CaH but without distn., EtO₂ said with H₂O and kerosene said with H₂O. When 0.4 mm. of Na wire was used and the reaction carried out in abs. EtOH and in EtOH contg. moisture at 20° the conversion of Na to salt takes 1 hr., the yields being 65.1 and 65.31% $\text{Na}_2\text{S}_2\text{O}_4$, resp. Any further bubbling through of SO_2 decreases the yield. At 0° reaction proceeds very slowly, with 23.12-20.27% yield. In ether and kerosene yields are poor. Increase of the size of the Na wire decreases the yield, because of the decompr. of $\text{Na}_2\text{S}_2\text{O}_4$, formed by SO_2 . Agitation of liquid and presence of moisture speeds up the reaction and increases the yield. Reaction with Na amalgam is more complete than in EtOH contg. moisture reach 99.08% as a max. The chem. nature of the SO_2 solvent plays an important part in the process. JAMES SOKERI

NOTE

ASA-31A METALLURICAL LITERATURE CLASSIFICATION

1949-1950

1950-1951

1951-1952

YUFEREV, R.F.

Origin of the Khodzha-Ikan salt deposit. Izv.AN Turk.SSR.Ser.fiz.-
tekhn., khim.i geol.nauk no.3:119-122 '61. (MIRA 14:7)

1. Institut geologii AN Turkmeneskoy SSR.
(Termez District—Salt domes)

YUFEREV, R.F.

New species of Bureicmya and Pleuromya from the Jurassic
deposits of the Kugitang Range. Izv. AN Turk. SSR. Ser. fiz.-tekhn.,
khim. i geol. nauk no.4:98-105 '61. (MIRA 14:1)

1. Institut geologii AN Turkmeneskoy SSR.
(Kugitang-Tau—Lamellibranchiata, Fossil)

LIKENSHTEYN, G.Kh.; KUTUZOVA, V.V.; MASHRYKOV, K.K.; BABAYEV, A.G.;
POL'STER, L.A.; YUFEREV, R.F.; SHISHOVA, A.I.; BAREYEV,
R.A.; MAKAROVA, L.N.; MURADOV, K.; PIANOVSKAYA, I.A.;
SEMOV, V.N.; SIROTINA, Ye.A.; TURKINA, I.S.; FEL'DMAN,
S.L.; KHON, A.V.; KUNITSKAYA, T.N.; GOLENKOVA, N.P.;
ROSHINA, V.M.; FARTUKOV, M.M.; SHCHUTSKAYA, Ye.K.;
ALTAYEVA, N.V.; BYKADOROV, V.A.; KOTOVA, M.S.; SMIRNOV,
L.M.; IERAGIMOV, M.S.; KRAVCHENKO, M.F.; MARKOVA, L.P.;
ROZYYEVA, T.R.; UZAKOV, O.; SLAVIN, P.S.; NIKITINA, Ye.A.;
MILOGRADOVA, M.V.; BARTASHEVICH, O.V.; STAROBINETS, I.S.;
KARIMOV, A.K.

[Splicing of the wires of overhead power transmission lines]
Soedinenie provodov vozdushnykh linii elektroperedachi. Mo-
skva, Energiia, 1964. 69 p. (Biblioteka elektromontera,
no.132) (MIRA 17:9)

YUFEREV, VIACHESLAV IVANOVICH

YUFEREV, VIACHESLAV IVANOVICH. Spravochnaja knizhka po khlopkovodstvu v SSSR. Moskva, Izd. Glavn. khlop. kom-ta, 1925. 604 p. (VSNKh. Glavnij khlopkovyj komitet.) NN DLC: Unclass.

SO: LC, Soviet Geography, Part I, 1951, Uncl.

IUFEREV, VIACHESLAV IVANOVICH.

IUFEREV, VIACHESLAV IVANOVICH. Khlopkevedstvo v Turkestane. Leningrad, AN SSSR, 1925. 160 p. Bibliography: p. 157-158. CtY ICU RPB DLC: Unclass.

SO: LC, Soviet Geography, Part I, 1951, Uncl.

YUFEREV, V.N., inzh.

Mechanization of switch box changing. Put' i put. khoz. no.10:26
O '57. (MIRA 10:11)

1. Zamestitel' nachal'nika distantsii, stantsiya Shalakusha, Severnoy
dorogi.

(Railroads--Switches)

YUFEREV, V.M., inzh.

Further improvements in electric power distribution systems
for track work. Zhel. dor. transp. 41 no. 4:30-35 Ap '59.

(MIRA 12:6)

(Railroads--Track) (Electric power distribution)

ANDREYEV, V.N., inzh.; DOTSENKO, V.Ye., kand.tekhn.nauki YUFEREV, V.M.,
inzh.

Power lines along the track. Put' i put.khoz. 4 no.11:28-30 N
'60. (MIREA 13:12)
(Railroads--Electric equipment)

8/137/61/000/006/065/092
A006/A101

AUTHORS: Khudenko, M.A., Yuferov, V.M.

TITLE: Peculiarities in the transformation of low-carbon steel

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 6, 1961, 18-19, abstract
6Zh131 ("Sb. tr. Dneprodzerzh. vech. metallurg. in-ta", 1960, v. 2,
135 - 138)

TEXT: The authors studied the singling-out of excessive ferrite in low-carbon M 16L (M16S) steel. The possibility is shown of revealing the actual austenite grain in such steels, during abrupt cooling in water from the austenite state or cooling below Ac_3 (840°C), from the ferrite singled out along the borders.

L. Alekseeandrov

[Abstracter's note: Complete translation]

Card 1/1

DOTSENKO, V.Ye., kand.tekhn.nauk; YUFEREV, V.M., inzh.

Electric tool power supply from a.c. lines. Put' i put'.
khcz. 4 no. 5:31-34 My '60. (MIRA 12:1)
(Railroads--Electric equipment.)

BORBUNOV, A.I., inzh.; YUFEREV, V.M., inzh.

Designing the tapping-off points for electric power. Put' i put.
khoz. 5 no.3;15-17 Mr '61. (MIRA 14:3)
(Railroads—Electric equipment)

YUFEREV, V.M., inzh. (Novosibirsk)

High voltage transformers in operation. Put' i put.khoz. 6
no.12:24-25 '62. (MIRA 16:1)
(Electric transformers)
(Electric railroads--Current supply)

~~YUFEREV, V.M., inzh. (Novosibirsk); FIRSOVA, L.D., inzh.;
ERLIKH, V.M., inzh.~~

Some problems in the electrification of track maintenance
and repair operations. Zhel. dor. transp. 45 no.4:44-45
Ap '63. (MIRA 16:4)

(Railroads--Maintenance and repair)
(Railroads--Electric equipment)

VUFEREV, Ya. S.

GORLOVSKIY, M.A.; PYATNITSKIY, A.N.; YUFEREV, Ya.S., otvetstvennyy redaktor;
ADAMOVA, L., redaktor; MOSOVA, L., tekhnicheskiy redaktor

[History of the workers' movement in the Urals; sketches of the plight
of the serf in the Central Urals and their struggle to abolish
serfdom (1800-1870)] Iz istorii rabochego dvizheniya na Urals; ocherki
o polozhenii krest'yanских рабочих Srednego Urala i ikh bor'be za
likvidatsiu krest'yaninchestva (1800-1870 gg.). [Sverdlovsk] Sverdlov-
skoe kn-vo, 1954. 379 p.
(Ural Mountain region--Serfdom)

(MIRA 9:12)

RAKOV, V.V.; YUFEROV, A.A.; RASKIN, V.Z.; KALININA, G.I.

Modifications of the technological flow sheet for the preparation
of the coal charge in the Kuznetsk Metallurgical Combine. Koks
i khim. no.6:3-7 '63. (MIRA 1963)

1. Kuznetskiy metallurgicheskiy kombinat.
(Coal preparation) (Novokuznetsk—Metallurgical plants)

ZHUNEV, A.G.; SAVEL'YEV, B.A.; KOLESANOV, F.F.; VINOGRADOV, A.I.;
YUFEROV, A.I.; VEDERNIKOV, N.P.; SKRIN, P.A.; VEDERNIKOVA, L.N.

Preparation of Bakal siderites for blast furnace smelting
by means of roasting. [Sbor. trud.] Nauch.-issl.inst.met.
no.4:33-43 '61. (MIRA 15:11)

(Bakal region—Siderite)
(Ore dressing)

YUFEREV, A.I.

Universal device for checking indicators and inside calipers.
Izm. tekhn. no.7211 J1 '63. (MIRA 16:8)

(Gauges)

ROTBENBERG, I.P.; KHOBOTOVA, Ye.N.; YUFEROV, A.N.; KOZIOVA, G.I.

Purification of waste waters from the manufacture of phenol-formaldehyde resins. Plast.massy no.3:69-71 '60.

(MIRA 13:6)

(Sewage--Purification) (Phenols)

8(5)

AUTHORS:

Yuferov, Andrey Mikhaylovich, Professor SOV/161-58-2-16/30
at the Chair of Metallography of the Gor'kiy Polytechnic
Institute, Yuferov, Fedor Mikhaylovich, Candidate of Technical
Sciences, Docent at the Chair of Electrical Machines of the
Moscow Power Engineering Institute

TITLE:

Induction Motor With Massive Metal Ceramic Rotor (Asinkhronnyy
dvigatel' s massivnym metallokeramicheskim rotorom)

PERIODICAL:

Nauchnyye doklady vysshey shkoly. Elektromekhanika i avtomatika,
1958, Nr 2, pp 134 - 138 (USSR)

ABSTRACT:

The results of the 1957 tests on induction motors with massive powder metal rotors are given. 8 rotors differing from one another by both composition and method of production were tested. A short description of the rotors follows. All rotors were tested in the same motor. The test gave the following results:
1) The mechanical characteristics of the motor with powder metal rotors are considerably better than those of the motors with rotors of all types of tested cast-iron and are about the same as those of the motors with a Nr 3 steel rotor without copperplated frontal areas. 2) The mechanical

Card 1/2

Induction Motor With Massive Metal-Ceramic Rotor

SOV/161-58-2-16/30

characteristics of motors with rotors Nr 5 and 8 are analogous to those of the motor with a rotor of steel 3 with copperplated frontal areas. 3) The no-load current (magnetizing current) of a motor with the metal ceramic rotors Nr 1-3 is practically equal to that of the motor with the steel Nr 3 rotor. 4) The efficiency of the powder metal rotor equipped motor is better than that of the motors with rotors of various cast-iron types. The efficiency of a motor with the best metalceramic rotors (Nr 5 and 8) is the same as that of a motor with a rotor of steel 3 with copperplated frontal areas and better than that of the motor equipped with a steel 3 rotor without copperplating. There are 3 figures and 1 table.

ASSOCIATION: Kafedra elektricheskikh mashin Moskovskogo energeticheskogo instituta (Chair for Electrical Machines of the Moscow Power Engineering Institute)

SUBMITTED: January 22, 1958

Card 2/2

YUFEROV, A.M.

Mechanism of hardening and softening processes. Issl. po sharopr.
splat. 3:239-248 '58. (MIRA 11:11)
(Metals--Hardening) (Crystal lattices) (Deformations (Mechanics))

X M F E R O V

AUTHOR: Gulyayev, B.B. SCV/2u-58-4-37/59
TITLE: Conference on Crystallisation of Metals (Soveshchaniye po Kristallizatsii Metallov)
PENONICAL: Vsesoyuznaya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh Nauk, 1958, Tr. 4, pp. 153-255 (USSR)

ABSTRACT: This conference was held at the Institute of Mechanical Engineering of the Ac. S. I. Vavilov (Institute of Mechanical Engineering of the USSR) on June 20-31, 1958. About 400 people participated and the participants included specialists in the fields of founders, metallurgy, crystallography, physics, welding, heat treatment, physical chemistry, mechanical properties and other related subjects. In addition to Soviet participants, foreign visitors included Professor D. C. Draper (USA), Dr. W. J. Chorowski (Czechoslovakia). The conference on crystallisation of metals was the fourth conference relating to the general problems of the theory of metallography.

Card 6/10 Crystallisation of Steel and Alloys with Special Properties. Papers were read by:

V.I. Dzhigilev, N. I. El'manov, Z.P. Budachik, V.I. Ushat'ko, A.I. Mat'yan - "Certain Methods of Reducing Non-uniformities of Large Castings (up to 20 t) made of Blister Steel"; V.K. Kozulin, A.B. Mil'man, V.M. Balashov - "Influence of Internal Crystallisers on the Structure and Properties of Steel Ingots"; M.Y. Davydov (Czechoslovakia) - "On the Crystallisation of Steel"; L.P. Prosviryakov - "Crystallisation of Continuously Cast Ingots and Influence on its of the Properties of Liquid Steel"; L.L. Morozenskaya and O.D. Zilke; V.I. Kravchenko, A.V. Novakova and B.B. Gulyayev - "Influence of Movement of the Metal in the Liquid Core on the Crystallisation of Steel Ingots and Casting"; N.M. Moshkin, A.A. Novakova and B.B. Gulyayev - "Crystallisation and Recrystallisation of Steels at Elevated Temperatures"; V.Ye. Nevezin - "Influence of Localised Deformation of the Crust and the Speed of Solidification of Ingress"; G.P. Ivashov - "Thermal Stresses and Deformation in the Crust of a Casting during Cooling"; V.G. Grishin and P.I. Vinogradov - deals with Problems of formation of the primary structure of steel and the influence on it of the temperature of pouring.

The features of crystallisation of castings made of alloys with special properties and of metastable steels were dealt with in the following papers: T.I. Gorunov - "Influence of Crystallisation on the Structure and the Physico-mechanical Properties of Metastable Steel"; V.V. Lebedeva, V.T. Aksenov, B.Y. Lashkevich and N.Ya. Rodina - "Occurrence of Non-uniformities in High-temperature Slags During Crystallisation and Heat Treatment and Experimental Investigation of the Process of Crystallisation of Cast Blades Made of Refractory Alloys"; A.M. Vinogradov - deals with the process of

Card 6/10 Crystallisation of Cast Blades Made of Refractory Alloys; A.M. Vinogradov - deals with the process of

SECRET//NOFORN//EYESAFE

YUFEROV, A. M., Candidate Tech Sci (diss) -- "The mechanism of the processes of recrystallization, strengthening, and weakening". Gor'kiy, 1959. 14 pp
(Min Higher Educ USSR, Gor'kiy Polytech Inst im A. A. Zhdanov, Chair of Metal Science), 150 copies (KL, No 25, 1959, 136)

YUFEROV, A. M.

- Kristallizatsiya i strukturnye peremeny v metallovedenii i metalloobrabotke (Crystallization and structural changes in metallurgy and metalworking). Trubchikov, V. G., ed. Moscow: Naukova Dumka, 1981. 150 pp. original printings.
- Opredeleniye i klassifikatsiya zon v strel'kakh metalloobrabotki. Sistemika i metodika analiza i interpretatsii. Professoriy: V. G. Trubchikov, Publizator: V. G. Trubchikov. Trubchikov, V. G. Trubchikov.
- PRIRODA. This book is intended for metallurgists and scientific workers. It may also be useful to technical personnel at factories.
- GOVERNMENT. The book contains the lectures of the Fourth Conference (1973) on the Theory of Crystallizing Processes. The previous Conference dealt with hydrodynamic of solution media (1971). General problems in the crystallization processes in creating the crystallization or constructional steels, selection of metals, including the crystallization of nonferrous alloys, are alloy metals with physical properties, cast iron, and of nonferrous alloys, are discussed. Attention is given to Yu. N. Chetkov and N. T. Shchitov and their students, D. N. Olyanov and A. I. Gerasimov, for their contribution to the substantiation of the basic problems involved. Academician A. V. Schmidbauer is also mentioned in connection with his work on the problem of research on crystal formation. References are given general of the articles.
- PIGACHEV, O. A., A. M. Yufarov, and N. B. Oulitzkii. Influence of Alloy Composition on Formation of the Primary Crystallization of Cast-Iron. 49
- KAMENETS, D. I., R. M. PUDOVKIN, and Yu. P. KOSTIKOV. Dewar. 57
- DZERZHINSKII, R. D. On the Interaction Between Solidification and Crystallization Processes. 64
- MALI, V. V. Crystallization of Binary Alloys Subjected to Deep Supercooling. 69
- ONISHCHENKO, D. I. Influence of Inclusion Morphology on the Crystallization and Structure of Metal. 76
- PERETRYA, V. V. Influence of the Melting Agent on the Distortion of Crystal Field of Crystallization of an Alloy. 86
- REBETZ, M. On the Mechanism of the Crystallization and Recrystallization Processes. 94
- III. CRYSTALLIZATION OF CONSTRUCTIONAL STEEL
- LEPTUKHIN, I. I., V. M. LUTCHIKOV, A. N. MUSKATOV, G. N. OLEKSIW, V. V. OLEKSIW, V. I. OLEKSIW, K. P. POLYAKOV, and N. I. SIVOV. Formirovaniye i formirovaniye sverkhzarnykh i large-grained steels of plavleniia. 100
- DZERZHINSKII, R. D. Structure Physics of Steel. 106
- ZORITSKAYA, T. K., A. I. MULIK-SILAN, and V. V. BILBOK. Investigation of Emissive with Internal Cells. 112
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YU FEROU, E.M.

PHASE I BOOK EXPLOITATION

SOV/5511

Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti.
Kiyevskoye oblastnoye pravleniye.

Metallovedeniye i termicheskaya obrabotka (Physical Metallurgy and Heat Treatment of Metals) Moscow, Mashgiz, 1961. 336 p. Errata slip inserted. 5,000 copies printed.

Sponsoring Agency: Gosudarstvennyy nauchno-tekhnicheskiy komitet Soveta Ministrov UkrSSR. Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti. Kiyevskoye oblastnoye pravleniye.

Editorial Board: M. P. Braun, Doctor of Technical Sciences, I. Ya. Dakhtyar, Doctor of Technical Sciences, D. A. Draygor, Doctor of Technical Sciences, I. S. Kamenichnyye, Engineer, Ye. A. Markovskiy, Candidate of Technical Sciences, V. G. Permyakov, Doctor of Technical Sciences, and A. V. Chernovol, Candidate of Technical Sciences; Ed.: M. S. Soroka; Tech. Ed.: M. S. Gornostaypol'skaya; Chief Ed., Mashgiz (Southern Dept.): V. K. Serdyuk, Engineer.

Card 1/10

Physical Metallurgy. (Cont.)

SOV/5511

PURPOSE: This collection of articles is intended for scientific workers and technical personnel of research institutes, plants, and schools of higher technical education.

COVERAGE: The collection contains papers presented at a convention held in Kiyev on problems of physical metallurgy and methods of the heat treatment of metals applied in the machine industry. Phase transformations in metals and alloys are discussed, and results of investigations conducted to ascertain the effect of heat treatment on the quality of metal are analyzed. The possibility of obtaining metals with given mechanical properties is discussed, as are problems of steel brittleness. The collection includes papers dealing with kinetics of transformation, heat treatment, and properties of cast iron. No personalities are mentioned. Articles are accompanied by references, mostly Soviet.

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VK/wra/os
8/26/61

YUFEROV, D.V.

SHUBNIKOVA, O.M. and YUFEROV, D.V.. Spravochnik po novym mineralam (1922-1932 gg.)
Moskva, 1934. 167 p.

SO: LC, Soviet Geography, Part I, 1951, Uncl.

ACC NR: AP 7001309

SOURCE CODE: UR/0057/66/036/012/2154/2160

AUTHOR: Busol,F.I.; Skibenko,Ye.I.; Yuferov,V.B.

ORG: none

TITLE: Influence of nozzle configuration on supersonic flow of gas into vacuum

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 36, no. 12, 1966, 2154-2160

TOPIC TAGS: Laval nozzle, supersonic nozzle, gas jet, carbon dioxide, vacuum

ABSTRACT: The authors have investigated the spread of supersonic jets of CO₂ issuing from different Laval nozzles into vacuum. The investigations were undertaken in connection with design of gaseous charge exchange targets. The investigated nozzles had throat diameters T from 0.3 to 3.0 mm, mouth diameters M up to 15 mm, lengths L (from throat to mouth) from 0 to 81 mm, and values of L/M from 0 to nearly 6. The pressure was measured at a point 15 cm from the axis of the jet, and the increase of this pressure in the presence of the jet was taken as a measure of the spread. In addition to the nozzle dimensions, there was investigated the effect of metal shielding tubes of different lengths surrounding the initial portion of the jet and cooled to 20.4° K. Most of the measurements were made at a standard flow rate of 11 cm³/sec. The experimental technique has been described in more detail elsewhere by the authors and collaborators (ZhTF, 34, No.12, 1964; 35, No.8, 1965). Small

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UDC: 533.17

ACC NR: AP 7001309

values of T (requiring high pressures behind the nozzle to achieve the standard flow rate) were found to favor sharpness of the jet, and the optimum value of L/M was in the neighborhood of unity, depending somewhat on T. The cold shielding tubes considerably improved the jet sharpness. For an approximately optimal nozzle with $T = 0.3$ mm and $L/M = 1$ the pressure at 15 cm from the axis (presumably with the standard flow rate of $11 \text{ cm}^3/\text{sec}$) was approximately 2×10^{-5} , 7×10^{-7} , and 1×10^{-7} mm Hg when the length of the shielding tube was 0, 1.3, and 8 mm, respectively. Experiments at different flow rates showed that for nozzles with $T = 1.5$ mm and L/M between 0.5 and 5.6 the pressure at 15 cm from the axis was practically independent of the flow rate for rates from 10 to $95 \text{ cm}^3/\text{sec}$. The authors thank Ye.S.Borovik for advice and discussions, and M.M. Nikulin for fabricating the nozzles. Orig. art. has: 5 figures and 1 table.

SUB CODE: 20 SUBM DATE: 20Dec65 ORIG. REF: 007

Card 2/2

ACC NR: AP7003874 (N) SOURCE CODE: UR/0133/67/000/001/0074/0079

AUTHOR: Yuferov, V. M. (Docent; Candidate of technical sciences); Geyko, I. K. (Engineer)

ORG: VNITI

TITLE: Forgeability of stainless and heat-resistant steels

SOURCE: Stal, no. 1, 1967, 74-79

TOPIC TAGS: steel, steel structure, stainless steel, heat resistant steel, plasticity, forgeability

ABSTRACT: Generalization of test data on stainless and heat resistant steels obtained by the hot-twist method in the temperature range 1000—1025 C has made it possible to establish the forgeability and deformation resistance of these steels as a function of structure. Knowing only the chemical composition, the derived formulas and charts can be used to determine the true yield point (deformation resistance) as related to temperature and deformation rate. Orig. art. has:

11 formulas, 6 figures and 1 table. [Authors' abstract]

(AM)

SUB CODE: 11/SUBM DATE: none/ORIG REF: 020/

UDC: 620.162.2:620.183

Card 1/1

112-1-713

Translation from: Referativnyy Zhurnal, Elektrotehnika, 1957, Nr 1,
p. 119 (USSR)

AUTHOR: Yuferov, F. M.

TITLE: Permeance Ripples of Electrical Machinery Air Gaps (Zubtsovyye
pul'satsii magnitnoy provodimosti vozдушnykh zazorov elektricheskikh
mashin)

PERIODICAL: Tr. Mosk. energ. in-ta, 1956, Nr 16, pp. 159-171

ABSTRACT: Bibliographic entry.
Chrd 1/1

YU FEROU, F. M.

3(0)

SOV/112-59-1-877

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 1, p 117 (USSR)

AUTHOR: Chertet, Yu. S., Astakhov, N. V., Zavriyev, A. S., Somikhina, G. S.
and Yulzakov, F. M.

TITLE: Electric Motors for Medical-Equipment Drives

PERIODICAL: Materialy po obmenu oystom i nauchn. doslizh. v med. priem-sli.
1957, Nr 5(24), pp 58-62

ABSTRACT: Specific requirements of medical-type electric motors are considered:
noiselessness, absence of vibration, normal operation at wide supply-voltage
fluctuations, simple and reliable starting, and various other requirements of
regulating and starting characteristics. Small motors of the normal NII MEP
series are considered unsuitable for medical purposes. A nomenclature and
characteristics of special medical-type motors manufactured by the Ministry
of Health, USSR, are reported.

L. Ya. L.

Card 1/1

AUTHOR: Yuferov, Fedor Mikhaylovich, Candidate SOV/ 161-58-1-16/33
of Technical Sciences, Docent at the Chair of Electrical
Machines at the Moscow Institute of Power Engineering

TITLE: Slotted Stator Front Rings of an Electrical Machine as a Means
for Suppressing the Slot Reactive Moment (Tortsevyye kol'tsa
na zubchatom statore elektricheskoy mashiny kak metod bor'by
s zubtsovymi reaktivnymi momentami)

PERIODICAL: Nauchnyye doklady vysshey shkoly, Elektromekhanika i avtomatika,
1958, Nr 1, pp. 131 - 135 (USSR)

ABSTRACT: Experiments were conducted by the author in order to investi-
tigate the influence of pulsations of the flux in the front
domain on the slot reactive moment. From the curves obtained
in this investigation it can be seen that the magnitude of
the slot reactive moment is considerably reduced when the
stators slots are closed by front rings. The pulsation of the
flux at the front is only one of the sources for the slot
reactive moment. In every electrical machine a certain ga-
is found between the inside recess of the stator and its
windings. This can be used for the insertion of slender front

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Slotted Stator Front Rings of an Electrical Machine
as a Means for Suppressing the Slot Reactive Moment

SOV / 161-58-1-16/33

rings. The investigations of contactless selsyns with front rings showed that it is possible to reduce the slot ripple oscillations to a considerable extent by fitting slender front rings to small power electrical machines. It is convenient not to stick the front rings to the front of the stator but to insert them into the somewhat enlarged inside recess of the outer laminations of the stator. There are 6 figures and 3 references, 1 of which is Soviet.

ASSOCIATION: Kafedra elektricheskikh mashin Moskovskogo energeticheskogo instituta (The Chair of Electrical Machines at the Moscow Institute of Power Engineering)

SUBMITTED: February 3, 1958

Card 2/2

s(5)

AUTHORS:

Yuferov, Andrey Mikhaylovich, Professor SOV/161-58-2-16/30
at the Chair of Metallography of the Gor'kiy Polytechnic
Institute, Yuferov, Fedor Mikhaylovich, Candidate of Technical
Sciences, Docent at the Chair of Electrical Machines of the
Moscow Power Engineering Institute

TITLE:

Induction Motor With Massive Metal Ceramic Rotor (Asinkhronnyy
dvigatel' s massivnym metallokeramicheskym rotorom)

PERIODICAL:

Nauchnyye doklady vysshey shkoly. Elektromekhanika i avtomatika,
1958, Nr 2, pp 134 - 138 (USSR)

ABSTRACT:

The results of the 1957 tests on induction motors with massive powder metal rotors are given. 8 rotors differing from one another by both composition and method of production were tested. A short description of the rotors follows. All rotors were tested in the same motor. The test gave the following results:
1) The mechanical characteristics of the motor with powder metal rotors are considerably better than those of the motors with rotors of all types of tested cast-iron and are about the same as those of the motors with a Nr 3 steel rotor without copperplated frontal areas. 2) The mechanical

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Induction Motor With Massive MetalCeramic Rotor

SOV/161-58-2-16/30

characteristics of motors with rotors Nr 5 and 8 are analogous to those of the motor with a rotor of steel 3 with copperplated frontal areas. 3) The no-load current (magnetizing current) of a motor with the metal-ceramic rotors Nr 1-3 is practically equal to that of the motor with the steel Nr 3 rotor. 4) The efficiency of the powder metal rotor equipped motor is better than that of the motors with rotors of various cast-iron types. The efficiency of a motor with the best metalceramic rotors (Nr 5 and 8) is the same as that of a motor with a rotor of steel 3 with copperplated frontal areas and better than that of the motor equipped with a steel 3 rotor without copperplating. There are 3 figures and 1 table.

ASSOCIATION: Kafedra elektricheskikh mashin Moskovskogo energeticheskogo instituta (Chair for Electrical Machines of the Moscow Power Engineering Institute)

SUBMITTED: January 22, 1958

Card 2/2

8(5); 28(1)

PHASE I BOOK EXPLOITATION

SOV/3391

Yuferov, Fedor Mikhaylovich

Elektricheskiye dvigateli avtomaticheskikh ustroystv (Electric Motors of Automatic Devices) Moscow, Gosenergoizdat, 1959. 223 p. (Series: Biblioteka po avtomatike, vyp. 8) Errata slip inserted. 15,000 copies printed.

Ed.: N. V. Astakhov; Tech. Ed.: N. I. Borunov; Editorial Board: I. V. Antik, S. N. Veshenevskiy, V. S. Kulebakin, A. D. Smirnov, B. S. Sotskov, Ye. P. Stefani, and N. N. Shumilovskiy.

PURPOSE: The book is intended for engineers and technicians engaged in practical problems of automation, remote control and computer technique. It may also be useful to students of schools of higher education and teknikums, studying appropriate sections in the course "Electric Machines."

COVERAGE: The book discusses the construction, principle of operation, basic features and characteristics of electric motors used in systems of automation and remote control and in computer

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Electric Motors (Cont.)

SOV/3391

applications. Separate chapters describe induction capacitor motors with a hollow nonmagnetic rotor, an ordinary-type rotor, a hollow ferromagnetic rotor, and a massive ferromagnetic rotor; also described are synchronous reluctance and hysteresis motors and d-c and a-c commutator motors. There are 28 references, all Soviet. The author thanks Professor Yu. S. Chechet, Doctor of Technical Sciences, and N. V. Astakhov, A. M. Langen, and Ya. L. Vittenberg, Candidates of Technical Sciences, for their help.

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A.N.; LOPUKHINAY, Ye.H.; PETROV, G.I.; SOMIKHINA, G.S., YUFEROV,
F.M.; CHILIKIN, M.G.

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My '60. (MIRA 13:9)
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M.N.; YUFEROV, F.M., dots., retsenzent; LARIONOV, A.N.,
prof., red. [deceased]

[Hysteresis motors] Gisterezisnye elektrodvigateli; posobie
dlia diplomnogo i kursovogo proektirovaniia. Moskva, MEI,
Pt.1, [Theory and applications] Voprosy teorii i primeneniia.
1963. 221 p. (MIRA 16:12)

1. Moskovskiy energeticheskiy institut (for Yuferov). 2. Chlen-
korrespondent AN SSSR (for Larionov).

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kand. tekhn. nauk, dotsent

Principles of the operation of reducer motors. Izv. vys. ucheb.
zav.; elektromekh. 7 no.2:193-208 '64. (MIRA 17:4)

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energ. 19 no. 2:41-47 F '64. (MIRA 17:5)

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Executive electric motors of automatically controlled systems.
Prom.energ. 19 no. 4:38-42 Ap '64. (MKA 17:5)

YUFEROV, F.M., kand. tekhn. nauk

Executive motors of automatic control units. Prom. energ. 19
no.5142-46 My '64. (MIRA 17:6)

MAKHMUD ABDEL' KHALIM SALEKH, kand. tekhn. nauk; YUFEROV, F.M., kand. tekhn. nauk

- Self-action of asynchronous executive motors with nonsinusoidal power supply voltage. Elektrotehnika 35 no.7:25-26 '64.
(MIRA 17:11)

Orig. art. has: 2 figures, 3 form., ab. and 1 table.

ASSOCIATION Moscowkiv energeticheskiy institut (Moscow Institute of
Institute)

SUBMITTED: 09Mar64 ENCL: 01

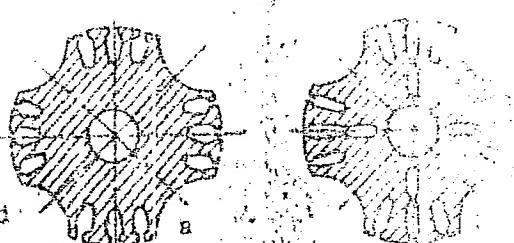
TO REC: SSOV-42 COMREC: 000

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963110020-8

F 65-1000
WIEFSTON 1121 AP5010881

Regular rotors remodeled
for reactive-motor
operation



APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963110020-8"

L 39536-66 EWT(1) GD
ACC NR: AP6006627

SOURCE CODE: UR/0292/65/000/011/0009/0011

AUTHOR: Yuferov, F. M. (Candidate of technical sciences); Kolesnikov, V. P.
(Engineer)

ORG: none

TITLE: Starting of a single-phase capacitor synchronous motor with permanent magnets

SOURCE: Elektrotehnika, no. 11, 1965, 9-11

TOPIC TAGS: electric motor, synchronous motor, capacitor motor

ABSTRACT: Operation of a permanent-magnet single-phase synchronous motor, one of whose phases contains the capacitor, is regarded as a superposition of these two regimes: (a) single-phase capacitor induction motor and (b) short-circuited two-phase synchronous generator having a capacitor in one of its phases. Formulas for currents, torques, and powers of the above combination are developed. Theoretical and experimental curves of starting currents and torques vs. slip, for various capacitances, are shown. Maximum braking torque of the capacitor motor is markedly lower than the maximum braking torque of a symmetrically fed motor. This and other factors are favorable for starting conditions of capacitor-type synchronous motors. Orig. art. has: 4 figures and 19 formulas.

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 002

UDC: 621.313.323.001.5

Cord 1/1 vmb

CLASSIFIED BY:
CIA - ANALYST

1. The following is a copy of the report
of the Institute of Physics and Mathematics
of the Academy of Sciences of the USSR,
Moscow, on the characteristics of
the hysteresis loop for the calculation
of characteristics of asymmetric
voltage-current curves induced by nonsinusoidal
asymmetries. The report was submitted
to the Institute of Physics and Mathematics
of the Academy of Sciences of the USSR
on January 15, 1981, and was accepted
by the Institute of Physics and Mathematics
of the Academy of Sciences of the USSR
on January 15, 1981. The report is dated
January 15, 1981, and is signed by the
author of the report, Dr. V. A. Kholodov.
The report consists of two parts:
Part I: "Calculation of the characteristics
of the hysteresis loop for the calculation
of the voltage-current curves induced by
nonsinusoidal asymmetries." Part II:
"Calculation of the characteristics of the
hysteresis loop for the calculation of
the voltage-current curves induced by
nonsinusoidal asymmetries." The report
is dated January 15, 1981, and is signed by the
author of the report, Dr. V. A. Kholodov.

2. The report is dated January 15, 1981.

3. The report is dated January 15, 1981.

Ref ID: AFB 0074

Ref ID: RUE CAV 1

By Dr. Yu. S. P. M. (Gard) et al. (Ref. 1)

USSR Central Power Engineering Institute (MAI)

Two analytical formulas concerning the variation of the
salient-pole machine

currents in salient-pole machines

(Ref. 2) Elektrosvyaz, no. 12, 1965, p. 12.

Topic: USSR electric ^{machines}, salient pole machine

Abstract: The variation of a 10-pole machine current with respect to the variation of a 10-pole machine current at rated speed. It is assumed that the machine has a salient-pole machine through the teeth of which there is no leakage flux. Dependence of the variation of the total current on the variation of the total current at rated speed is determined by the formulae (from the total current of the main bus bar) skewings (from the total current of the main bus bar) as a function of the generator characteristic matrix as a function of the Fourier coefficients. A Fourier coefficient A_1 is given. As a result, this formula is offered in the present paper.

Card 1/2

ACC NR: AP6096714

$\sum_{k=0}^{\infty} R_k \cdot e^{2\pi k / N} \cdot x^{-k} = \frac{1}{N} \sum_{n=1}^N x^n$ The above formula is valid for machines with an even number of slots. When the number of slots is odd, only a slight modification is needed. Another formula shows four methods of solving the problem. See also: 4 figures and 53 formulas.

SUB CODE: 19 / SUBM DATE: 11May85 / ORIG FILE

Card 2/2

2708-56 EWT/1 DEPA/5/2/EWT/2/18A /Sht. 1 of 1
REF ID: APT027083 80 DE COMM-FR

AUTHOR: Kolesnikov, V.P. (Moscow) Author: F.M. Vlasov

TYPE: None

TECH:

DISCUSSION OF THE CALCULATION OF PARAMETERS AND OPERATING CHARACTERISTICS OF A DC MOTOR WITH AXIALLY LOCATED PERMANENT MAGNETS

UIC: Academy of Telemekhanika, Moscow, U.S.S.R.

DOC: TAK: 1970-1971. MAGNET, ELECTRIC MOTOR

ABSTRACT: In recent years, frequent use is made of motors with axial location of permanent magnets. This article gives a method for calculating such motors.

The calculation is performed using the finite element method. The method is based on the principle of minimum of the total magnetic energy. The authors have developed a computer program for this purpose. The program is able to calculate the motor's characteristics over a wide range of working conditions. The results of the calculations are given in tables and figures.

DATA CODE: 1111-2 SUPPLY DATE: 11/08/1971

Page 1/1

ACC NR: AP6026343

SOURCE CODE: UR/0144/66/000/007/0751/0756

AUTHOR: Iuferov, F. M. (Candidate of Technical Sciences; Docent); Koleznikov, V. P. (Aspirant)

ORG: Electrical Machinery Department, Moscow Energy Institute (Kafedra elektricheskikh mashin Moskovskogo energeticheskogo instituta)

TITLE: Selecting the degree of excitation and parameters for a permanent magnet synchronous motor

SOURCE: IVUZ. Elektromekhanika, no. 7, 1966, 751-756

TOPIC TAGS: electric motor, permanent magnet material, electric power source, miniature electric power source, ~~excitation energy~~

ABSTRACT: The recent, considerable, improvement in the properties of magnetic materials has generated increased interest in permanent magnet synchronous motors, two designs of which are discussed. Properties are analyzed and the following conclusions arrived at: (1) excitation for small motors can be determined given conditions providing for reliable asynchronous starting; (2) excitation for large motors must be determined on the basis of maximum power factor for the rating; (3) the relationship between motor parameters in asynchronous and synchronous operation influences the selection of excitation magnitude, since if power and excitation are

Card 1/2

UDC: 621.313.332+621.3.045

ACC NR AP6026343

decreased there must be an increase in leakage permeance arising from the condition of optimum use of permanent magnets, which, in turn results in a relative reduction in the differences in permeance along the axis used in the calculations. The latter result serves to improve the starting and running properties of permanent magnet synchronous micromotors. Orig. art. has: 14 formulas, and 5 figures.

SUB CODE: 09/SUBM DATE: 14Jan64/ORIG REF: 003

Card 2/2

ACC NR: AP7007068

SOURCE CODE: UR/0292/66/000/011/0022/0027

AUTHOR: Kurakin, A. S. (Candidate of technical sciences); Yuferov, F. M. (Candidate of technical sciences)

ORG: none

TITLE: Reactive type synchronous reducer motor

SOURCE: Elektrotehnika, no. 11, 1966, 22-27

TOPIC TAGS: electric motor, vector analysis

SUB CODE: 09

ABSTRACT: A presentation of problems from the theory of synchronous reducer motors of reactive type. The theoretical conclusions are supported by experimental investigations on motors in various operating modes. Formulas are presented which are necessary for calculation of the operative and mechanical characteristics of the motors. The principle operation of the synchronous reducer motor is presented and its primary power relations are defined; the conversion plan and vector diagram of the motor are presented. The differentiating point of synchronous reducer motors is the presence of open grooves on the stator and rotor. Orig. art. has: 7 figures, 16 formulas and 1 table. [JPRS: 39,577]

Card 1/1

UDC: 621.313.323.001.1

L 06506-67 EWP(+) / EWT(m) RM
ACC NR: AP7000486

SOURCE CODE: UR/0079/66/036/006/1142/1143

AUTHOR: Imayev, M. G.; Shakirova, A. M.; Yuferova, M. Kh.

27

13

ORG: Bashkir State University (Bashkirskiy gosudarstvennyy universitet); All-Union Scientific Research Institute of Synthetic Fats (Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskikh zhirov)

TITLE: Organophosphorus compounds with an active methylene group. II. Synthesis of certain alkylphenylphosphoneacetophenones

SOURCE: Zhurnal obshchey khimii, v. 36, no. 6, 1966, 1142-1143

TOPIC TAGS: organic synthetic process, organic phosphorus compound

ABSTRACT: New Mixed aliphatic-aromatic di-n-propyl- and dibutylphenyl phosphites were synthesized. Their reaction with omega-bromoacetophenone proceeds according to the Arbuzov rearrangement to form n-propyl- and n-butylphenyl-phosphoneacetophenones. The structures of the reaction products were confirmed by infrared spectra and by hydrolysis to acetophenonephosphinic acid. They react slowly with sodium, liberating hydrogen, and do not color ferric chloride in alcohol solution. Orig. art. has: 1 figure. [JPRS: 37,023]

SUB CODE: 07 / SUBM DATE: 06May65 / ORIG REF: 006 / OTH REF: 001

Card 1/1 A/E

REF ID: A64721118

0953

1001

YUFEREV, O.V.

Systematics of Parathurammina. Vop. mikropaleont. no.5:121-127
'61. (MIRA 14:8)

1. Severo-Kavkazskiy gorno-metallurgicheskiy institut.
(Foraminifera, Fossil)

BOGUSH, Oksana Ivanovna; YUFEREV, Oleg Vyacheslavovich; SOKOLOV, B.S.,
ctv. red.; KALINTAROV, A.P., red.izd-va; PRUSAKOVA, T.A.,
tekhn. red.; RYLINA, Yu.V., tekhn. red.

[Foraminifers and stratigraphy of Carboniferous sediments in
the Kara-Tau and Talas Ala-Tau] Foraminifery i stratigrafiia ka-
menougol'nykh otlozhenii Karatau i Talasskogo Alatau. Moscow,
Izd-vo Akad. nauk SSSR, 1962. 234 p. (MIRA 15:9)
(Kara-Tau—Foraminifera, Fossil)
(Talas Ala-Tau—Foraminifera, Fossil)

BOGUSH, O.I.; Gerasimov, Ye.K.; Chernyak, G.Ye.; YUFEREV, O.V.

Krestyakh conglomerates at the south of the Iana River
and their analogies. Dokl. AN SSSR 153 no.1:166-169 N '63.
(MIRA 17:1)

1. Institut geologii i geofiziki Sibirs'kogo otdeleniya
AN SSSR. Predstavлено akademikom A.A. Trofimukom.

YUFEREV, O.V.; BOGUSH, O.I.

Basic characteristics of the distribution of Foraminifera in
Eurasia in the Lower Carboniferous (Pamennian and Bashkir
stages). Izv. AN SSSR. Ser.geol. 30 no.11:98-109 N '65.
(MIRA 18:12)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN
SSSR, Novosibirsk. Submitted April 13, 1964.

BOGUSH, Oksana Ivanovna; GERASIMOV, Yevgeniy Konstantinovich;
YUFEREV, Oleg Vyacheslavovich. Prinimali uchastye:
DUBATOLOV, V.N.; CHUDINOVA, I.I.; IVANOVSKIY, A.B.;
TELKIN, Ye.A.; CHERNYAK, G.Ye.; FURSENKO, A.V., otv. red.

[Lower Carboniferous of the lower Lena Valley] Nizhnii
karbon nizov'ev Leny. Moskva, 1965. 64 p.
(MIRA 18:7)

1. Chlen-korrespondent AN Belorusskoy SSR (for Furzenko).

BOGUSH, O.I.; YUFEREV, O.V.

Age of the Tiksi series and its analogues in the lower Lena
Valley. Dokl. AN SSSR 165 no.4:891-893 D '65.

(MIRA 18:12)

1. Institut geologii i geofiziki Sibirs'kogo otdeleniya AN
SSSR. Submitted June 21, 1965.

YUFEREVA, Ye.P.

Hormonal disorders in asthenic and hypochondriac states in patients with schizophrenia and involutional diseases. Zhur. nevr. i psikh. 61 no.11:1710-1715 '61. (MIRA 15:2)

1. Klinika pogromichnykh form psikhicheskikh zabolevaniy (rukododitel' - dotsent D.Ye.Melekhov) Instituta psikiatrii (dir. - prof. V.M. Banshchikov) Ministerstva zdrevookhraneniya RSFSR, Moskva.
(SCHIZOPHRENIA) (STEROIDS) (MENTAL ILLNESS)

MAKHMUD ABDEL' KHALIM SALEKH, kand. tekhn. nauk (Ob'yedinennaya Arabskaya Respublika); YUFEROV, Fedor Mikhaylovich, kand. tekhn. nauk, dozent

Methods for calculating the characteristics of two-phase induction micromotors fed by nonsinusoidal nonsymmetrical voltages. Izv. vys. ucheb. zav.; elekromekh. 8 no.11:1211-1221 '65.

(MIRA 19:1)

1. Kafedra elektricheskikh mashin Moskovskogo ordena Lenina energeticheskogo instituta (for Yuferov).